

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6942757".pn.	USPAT	OR	OFF	2009/09/25 13:50
L2	1	(hendriks-ant\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 13:58
L3	32	(hendriks-ant\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 13:58
L4	7	3 and (aramid paraaramid (para near aramid) p-aramid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 13:59
L5	3	4 and pulp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 13:59
L6	1	5 and (fibril fibrile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:02
L7	1	6 and (csf (canadian near standard near freeness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:08
L8	1	7 and (ssa (surface near area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 14:11
L9	5	"2005059211".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:09

L10	3	(tiecken-jan\$.in.)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:14
L11	6	(grotendorst-har\$.in.)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:39
L12	8	(journee-ren\$.in.)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:40
L13	2	12 not 11	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:40
L14	3	"6218324".pn.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 15:48
L15	8	(oldenzeel-mir\$.in.)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:14
L16	0	15 not 12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:14
L17	0	(aramid near (fibril fibrile)) with (csf (canadian near2 freeness)) with (surface near area) with (weight near weighted) with (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:16
L18	0	(aramid near (fibril fibrile)) same (csf (canadian near2 freeness)) same (surface near area) same (weight near weighted) same (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:17

L19	1	(aramid near (fibril fibrile)) and (csf (canadian near2 freeness)) and (surface near area) and (weight near weighted) and (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:17
L20	1	(aramid near (fibril fibrile)) and (csf (canadian near2 freeness)) and (surface near area) and (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:18
L21	1	(aramid near (fibril fibrile)) and (surface near area) and (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:18
L22	1	(aramid near (fibril fibrile)) and (fiber near stem)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:18
L23	1	(aramid near (fibril fibrile)) and (fiber near (branch stem))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:23
L24	77	(aramid para-aramid p-aramid paraaramid (para near aramid)) with dope with (spin spinning)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:25
L25	14	24 and (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:25
L26	12	25 and (cut cutting chop chopped chopping)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:26
L27	2	25 not 26	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 16:26

L28	2	"5728799".pn.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:23
L29	0	28 and (fibril fibrile)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:23
L30	2	"4842924".pn.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:28
L31	2	"5094913".pn.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:31
L32	0	31 and (fibril fibrile)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:31
L45	299	(US-20070082198-\$ or US-20070137817-\$ or US-20070137819-\$ or US-20070144695-\$ or US-20070144696-\$ or US-20020156140-\$ or US-20030056305-\$ or US-20030088922-\$ or US-20020142689-\$ or US-20040089432-\$ or US-20050284595-\$ or US-20050287344-\$ or US-20080176065-\$ or US-20020146563-\$ or US-20030082974-\$ or US-20050286842-\$ or US-20060047052-\$ or US-20090104386-\$ or US-20020133238-\$ or US-20030089890-\$ or US-20030141618-\$ or US-20030195611-\$ or US-20030211135-\$ or US-20040051201-\$ or US-20040217336-\$ or US-20050009693-\$). did. or (US- 20050019488-\$ or US- 20050049323-\$ or US-	US_PGPUB; USPAT	OR	OFF	2009/09/25 17:36

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L46	270	45 and (fibril fibrile)	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:38

L47	82	46 and (aramid para-aramid p-aramid paraarmid (para near aramid))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:39
L48	43	47 and (ssa (surface near area))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:39
L49	13	48 and (csf (canadian near standard near freeness))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:40
L50	12	49 not 4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:41
L51	11	50 not 12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:41
L52	11	51 not 5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:41
L53	11	52 not 14	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 17:41
L56	9141	"55" and (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 18:04
L57	11	53 and (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 18:04
L58	11	57 and (aramid para-aramid p-aramid paraarmid (para near aramid))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 18:05

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6103061-\$ or US-  
6413591-\$ or US-  
6540853-\$).did. or (US-  
5856006-\$ or US-  
4529481-\$ or US-  
5366832-\$ or US-  
6210801-\$ or US-  
4057621-\$ or US-  
4455206-\$ or US-  
4458042-\$ or US-  
4888118-\$ or US-  
5228900-\$ or US-  
5589264-\$ or US-  
5603883-\$ or US-  
5723600-\$ or US-  
5827463-\$ or US-  
5866251-\$ or US-  
5972344-\$ or US-  
5989559-\$ or US-  
6048479-\$ or US-  
6099868-\$ or US-  
6180234-\$ or US-  
6224663-\$ or US-  
6231657-\$ or US-  
6306207-\$ or US-  
6306539-\$ or US-  
6387212-\$ or US-  
6440547-\$ or US-  
6444314-\$ or US-  
6471727-\$).did. or (US-  
6547999-\$ or US-  
6042941-\$ or US-  
5399382-\$ or US-  
5962627-\$ or US-  
4785038-\$ or US-  
5178812-\$ or US-  
5270118-\$ or US-  
5662852-\$ or US-  
5911930-\$ or US-  
4511709-\$ or US-  
5011643-\$ or US-  
5422142-\$ or US-  
5486573-\$ or US-  
5646234-\$ or US-  
5853907-\$ or US-  
5882791-\$ or US-  
6127033-\$ or US-  
4873144-\$ or US-  
5177175-\$ or US-

			5302415-\$ or US- 5330698-\$ or US- 5393601-\$ or US- 5416164-\$ or US- 5432255-\$ or US- 5523034-\$ or US- 5698324-\$ or US- 5952434-\$).did. or (US- 5520866-\$ or US- 5889082-\$ or US- 5889080-\$ or US- 5919837-\$ or US- 6110991-\$ or US- 6303221-\$ or US- 4552805-\$ or US- 6041211-\$ or US- 4472241-\$ or US- 4788084-\$).did.				
S2	5	("4963298"   "5028372"   "5202184"   "5296286"   "5442003"). PN.	USPAT	OR	OFF	2008/10/01 16:16	
S3	2	S2 and paper	USPAT	OR	OFF	2008/10/01 16:28	
S4	1	"20030096104".pn.	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:41	
S5	1	"5442003".pn.	USPAT	OR	OFF	2008/12/23 10:57	
S6	41	aramid near (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:07	
S7	2	S6 and stem	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:07	
S8	5	S6 and dope	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:08	
S9	4	S8 not S7	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:08	

S10	7	S6 and (csf (canadian near standard))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:12
S11	47	(aramid para-aramid meta-aramid) near (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:21
S12	3	S11 and stem	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:21
S13	208	(aramid para-aramid meta-aramid) with (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:51
S14	3	S13 and (jet near spin near nozzle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:52
S15	481	(aramid para-aramid meta-aramid) same (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:52
S16	3	S15 and (jet near spin near nozzle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:52
S17	1022	(aramid para-aramid meta-aramid) and (fibril fibrile)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:52
S18	3	S17 and (jet near spin near nozzle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:52
S19	3	S13 and (jet near3 nozzle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:53

S20	3	S13 and (spin near3 nozzle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:53
S21	14	S13 and nozzle	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:53
S22	8	S21 and (spin spinning)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 14:54

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L54	0	(hendricks-ant\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:04
L55	11	(hendriks-ant\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:04
L59	1	55 and (fibril fibrile)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:05
L60	1	(tiecken-jan\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:07
L61	2	(grotendorst-har\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:07
L62	3	(journee-ren\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:08
L63	3	(oldenzeel-mir\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:08

L64	0	((aramid near (fibril fibrile)) with (csf (canadian near2 freeness)) with (surface near area) with (weight near weighted) with (fiber near stem))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:09
L65	0	((aramid near (fibril fibrile)) same (csf (canadian near2 freeness)) same (surface near area) same (weight near weighted) same (fiber near stem))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:10
L66	1	((aramid near (fibril fibrile)) and (csf (canadian near2 freeness)) and (surface near area) and (weight near weighted) and (fiber near stem))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:10
L67	12	((aramid near (fibril fibrile)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:10
L68	13	((aramid para-aramid p-aramid paraaramid (para near aramid)) near (fibril fibrile)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:11
L69	2185	((fibril fibrile).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:12
L70	115	((wet near phase).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:12
L71	4410	((csf (canadian near3 freeness)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:12
L72	86672	((ssa (surface near area)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:13
L73	388	((weighted near3 length).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:13
L74	594	((fiber near3 (stem stalk branch branches)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:14

L75	0	68 and 69 and 70 and 71 and 72 and 73 and 74	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:14
L76	1	68 and 69 and 70 and 71 and 72 and 73	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:15
L77	1	68 and 69 and 70 and 71 and 72	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:15
L78	1	68 and 69 and 70 and 71	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:15
L79	1	68 and 69 and 70	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:16
L80	13	68 and 69	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:16
L81	2853	428/357,359,395.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:18
L82	3	81 and (aramid near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:19
L83	9	"428"/\$.ccls. and (aramid near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:19
L84	1535	264/140,141,143,183.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:26
L85	0	84 and (aramid near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:26
L86	0	84 and ((aramid para-aramid p-aramid paraaramid (para near aramid)) near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:26

L87	4	81 and ((aramid para-aramid p-aramid paraaramid (para near aramid)) near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:27
L88	49	84 and (fibril fibrile)	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:27
L89	0	88 and (fiber near3 (stem stalk branch branches))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:28
L90	5	88 and (stem stalk branch branches)	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:28
L91	44	88 not 90	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:33
L92	28247	"162"/\$.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:42
L93	4	92 and ((aramid para-aramid p-aramid paraaramid (para near aramid)) near (fibril fibrile))	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:42
L94	1	93 and (stem stalk branch branches)	US- PGPUB; USPAT; UPAD	OR	ON	2009/09/25 18:42

9/ 25/ 09 7:35:44 PM

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